TEST REPORT ON COARSE AGGREGATES

Lab ID	:	**CP-2017-07-18-02** **Date: 21-07-17**
Customer	:	Assistant Executive Engineer, Yelahanka Sub Division, BBMP, Bangalore.
Address	:	Yelahanka Sub Division, BBMP, Bangalore.
Project Name	:	Improvements of Roads and Drains at Nagenahalli Village in ward no.02 of Yelahanka Sub Division.
Agency	:	Sri.N.Shivakumar, No:96, KHB Colony, Gandhinagara, Yelahanka, Bangalore.
Customer Reference	:	EE(YNK.D)E-PMT-08/W.O/48/2017-18
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	18-07-17
Sample ID No	:	2017-07-18-02-02(b)
Sample Type/ Size	:	20mm down size coarse aggregate
Reference to BIS codes	:	IS: 383:2016 (Specification for Coarse and fine Aggregates) IS: 2386 :1963(Part - 1,3,4) RA2011 IS 2386 Part 1: Particle Size and Shape IS 2386 Part 3: Specific gravity, Density, Voids,Water Absorption IS 2386 Part 4: Mechanical Properties
Date of test	:	18-07-17

SIEVE ANALYSIS (PARTICLE SIZE DISTRIBUTION) OF 20MM DOWN COARSE AGGREGATE:

Total weight taken : 5000 grams

Sample No.	Sieve No.	Weight Retained in gms	Cumulative Weight Retained in gms	% Cumulative Weight Retained	% Passing	Required as per IS 383:2016
1	40 mm	0	0	0	100	100
2	20 mm	233	233	4.7	95.3	90-100
3	10 mm	2643	2876	57.5	42.5	25-55
4	4.75 mm	1786	4662	93.2	6.8	0-10
5	Pan	338	5000	100	0	–

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